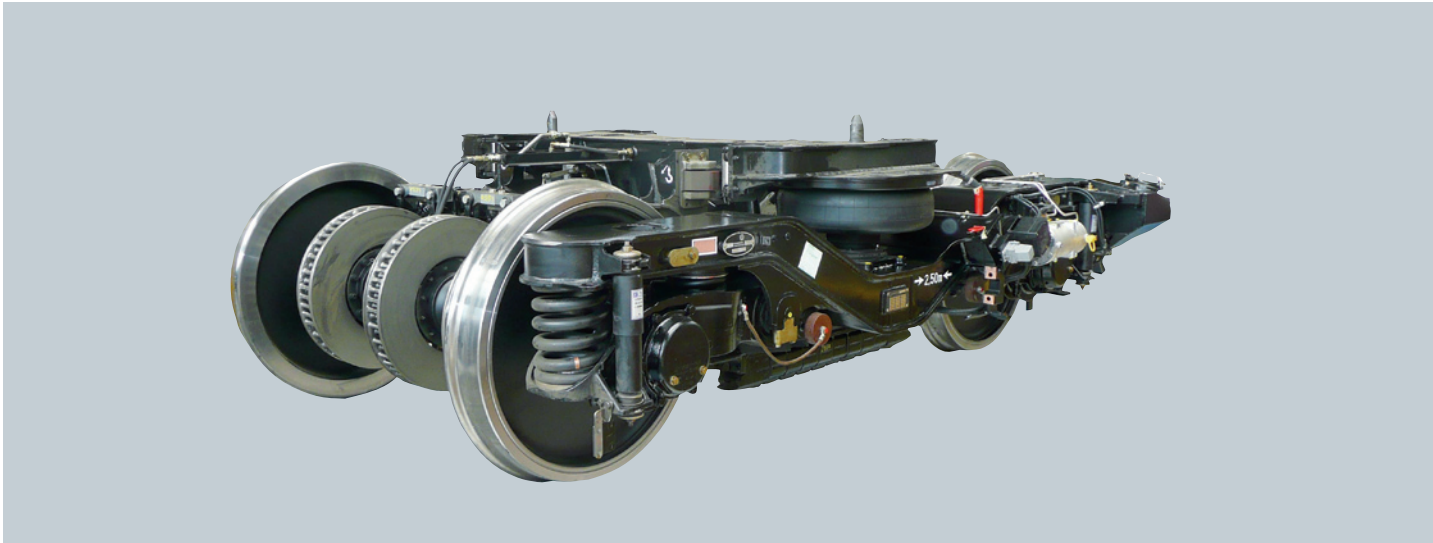


M-Size Bogies

◁ FLEXX Load Bogies For Double Deck Coaches ▷



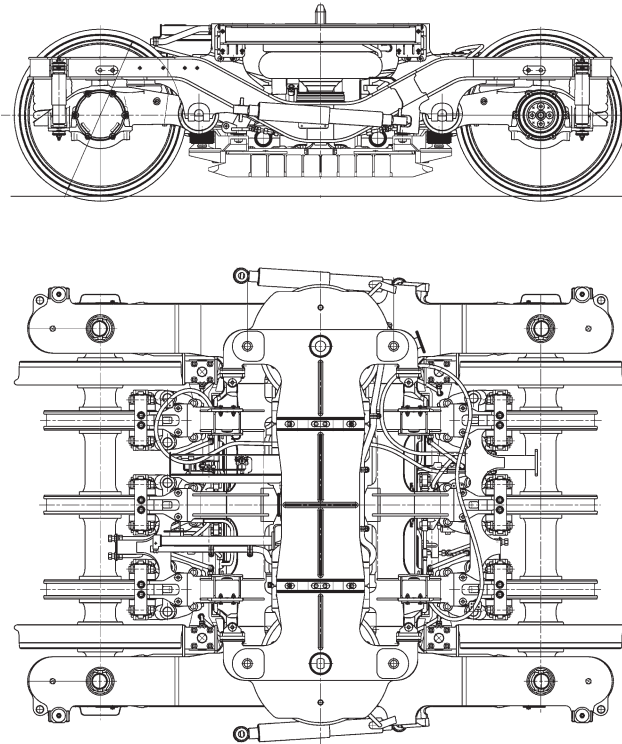
The *FLEXX* Load Bogies have been developed for the double-deck coaches of German Railways (DB AG). Their design has been continuously improved over the years to better fulfill customers' needs and to integrate our latest developments.

Those bogies feature good radial steering properties combined with high pivot load at very low secondary suspension height. The *FLEXX* Load bogies also offer high quality running performance, they are easy to maintain at low maintenance costs. Their high axle load makes them perfectly suitable for double-deck applications.

Over 2,500 bogies of this type run successfully under double-deck coaches in Germany, Denmark, Israel and Luxembourg. The picture shows a double deck of German Railways with *FLEXX* Load bogies in operation.



Double-Deck-Coach, Germany



Characteristics

Fabricated H-frame
Bolster beam including supplementary air reservoir
Primary suspension with the swing arm and coil springs
Primary vertical dampers
Secondary suspension airsprings system
Traction linkage (center pivot) included in the bolster beam
3 axle mounted brake discs
Conventional brake calipers
2 anti-roll devices

Technical Data

Gauge	1,435 mm
Wheel base	2,500 mm
Wheel diameter max.	920 mm
Wheel diameter min.	860 mm
Height over secondary suspension	980 mm
Maximum speed	160 - 200 km/h
Mass (trailer)	6,9 t
Maximum axle load	20 t

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